

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT NO.: 7,824,135

PATENTEE: RADKOWITSCH ET AL-1 PCT ISSUED: NOVEMBER 2, 2010

SERIAL NO.: 10/588,040 FILED: FEBRUARY 21, 2007

TITLE: DRILL, AND DRILLING METHOD

REQUEST FOR CERTIFICATE OF CORRECTION
UNDER 37 C.F.R. §1.322

Attn: Certificate of Corrections Branch

Honorable Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Commissioner:

In accordance with the provisions of 37 C.F.R. §1.322 of the Rules of Practice, which implement 35 U.S.C. 254, approval of the attached Certificate of Correction for the above-identified patent to correct the error noted below appearing in the issued patent is respectfully requested.

Most recently, in reviewing the above-identified patent, it was discovered that the Patent Office made typographical errors in Claims 16 and 94, which should be corrected.

In particular, in Column 16, line 39, (Line 3 of Claim 16) after the word "to", please insert:

--½-- .

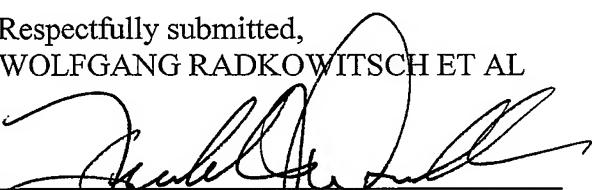
In Column 22, line 19, (Line 3 of Claim 94) after the word "to", please change "%" to

correctly read: --½-- .

Because the errors were the fault of the PTO, as attested to by the attached excerpts from the Amendment dated June 28, 2010, no fee is required for the filing of this Certificate of Correction. Nevertheless, should any additional fees be required, the Commissioner is authorized to charge such fees to Deposit Account No. 03-2468.

Accordingly, approval of the attached Certificate of Correction is respectfully requested.

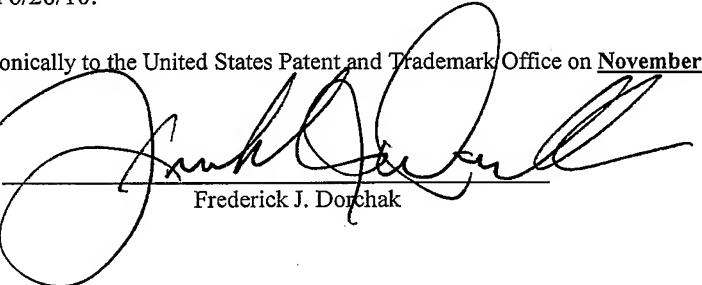
Respectfully submitted,
WOLFGANG RADKOWITSCH ET AL


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FJD:ke
Enclosures: Certificate of Correction
Excerpts from the amendment dated 6/28/10.

I hereby certify that this correspondence is being sent electronically to the United States Patent and Trademark Office on November 8, 2010.


Frederick J. Dorchak

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

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PATENT NO. : 7,824,135

APPLICATION NO.: 10/588,040

ISSUE DATE : NOVEMBER 2, 2010

INVENTOR(S) : RADKOWITSCH ET AL-1 PCT

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In particular, in Column 16, line 39, (Line 3 of Claim 16) after the word "to", please insert: -½-- .

In Column 22, line 19, (Line 3 of Claim 94) after the word "to", please change "%" to correctly read: -½-- .

MAILING ADDRESS OF SENDER (Please do not use customer number below):

COLLARD & ROE, P.C.
1077 Northern Boulevard
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This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Claim 112 (Previously Presented): Drill according to claim 106, wherein an end region (74) of the second cutting edge section (54) facing away from the drill axis (27) of the drill head (5) or the cutting edge tip (55) is designed to be rounded towards the enclosing cylinder casing surface (62) of the drill head (5).

Claim 113 (Previously Presented): Drill according to claim 112, wherein the end region (74) of the second cutting edge section (54) facing away from the cutting edge tip (55) has a radius of curvature (75) of up to $\frac{1}{2}$ the diameter D (51).

Claim 114 (Previously Presented): Drill according to claim 98, wherein the diameter D (51) of the drill head (5) has a value from a range of 3 mm to 40 mm.

Claim 115 (Previously Presented): Drill according to claim 98, wherein the diameter D (51) of the drill head (5) has a value from a range of 4 mm to 20 mm.

Claim 116 (Canceled).

(52) has a first cutting edge section (53) and a second cutting edge section (54), whereby the first cutting edge section (53) faces a drill axis (27) of the drill head (5) and the second cutting edge section (54) faces away from the drill axis (27) of the drill head (5), and the first cutting edge section (53) with the drill axis (27) encloses a first cutting edge angle (71) of at least 70°, wherein the end region (74) of the second cutting edge section (54) facing away from the drill axis (27) of the drill head (5) or the cutting edge tip (55) is designed to be rounded towards the enclosing cylinder casing surface (62) of the drill head (5).

Claim 192 (New): Drill according to claim 191, wherein the end region (74) of the second cutting edge section (54) facing away from the cutting edge tip (55) has a radius of curvature (75) of up to $\frac{1}{2}$ the diameter D (51).

Claim 193 (New): Drill (4) with a drill head (5) with a diameter D (51), in which the drill head (5) on a drill tip (13) has only one cutting edge (52) extending over part of the diameter D (51), and with a lateral, V-shaped chip removing groove or bead (59) and with a channel (12) with an outlet opening (56) in the drill head (5) for supplying a drill fluid